

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074084.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 00:37
 Operator : AR\AJ
 Sample : N2368-03MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 E14ST-EB3-041122-5-10MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/15/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 02:21:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.638	5.491	6714883	36944214	20.782	20.721
28)	SA Decachlor...	10.410	11.334	7115589	25230150	13.683	14.284
Target Compounds							
2)	A alpha-BHC	5.345	6.054	24033640	152.2E6	57.269	60.454
3)	MA gamma-BHC...	5.769	6.443	23517545	138.7E6	56.074	58.583
4)	MA Heptachlor	6.180	7.102	23745260	136.3E6	52.714	52.253
5)	MB Aldrin	6.505	7.470	23940056	136.3E6	57.680	58.042
6)	B beta-BHC	6.150	6.680	11230324	59907567	54.962	53.156
7)	B delta-BHC	6.411	6.948	23748374	137.2E6	57.409	56.184
8)	B Heptachlo...	7.082	7.926	23765221	117.8E6	55.405	52.323
9)	A Endosulfan I	7.485	8.327	22743717	107.7E6	55.456	54.730
10)	B gamma-Chl...	7.360	8.194	24249457	117.9E6	55.290	52.854
11)	B alpha-Chl...	7.429	8.278	24247129	114.6E6	54.886	53.218
12)	B 4,4'-DDE	7.643	8.462	20968539	109.4E6	57.477	54.921
13)	MA Dieldrin	7.771	8.612	23866565	109.8E6	55.559	54.735
14)	MA Endrin	8.063	8.846	23102596	94743959	56.870	55.940
15)	B Endosulfa...	8.373	9.071	22626471	83499195	54.897	48.065
16)	A 4,4'-DDD	8.229	8.988	19031586	84744584	58.935	55.079m
17)	MA 4,4'-DDT	8.490	9.308	16718760	68812321	45.230	38.819
18)	B Endrin al...	8.562	9.202	18397272	69562127	56.860	53.856m
19)	B Endosulfa...	8.793	9.441	22689299	75595208	53.134	45.421
20)	A Methoxychlor	9.085	9.788	12354440	44940187	49.762	46.723
21)	B Endrin ke...	9.312	9.929	25393237	80507473	51.976	46.511
22)	Mirex	9.499	10.406	22902790	63502014	49.105	46.103

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074084.D
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 Acq On : 15 Apr 2022 00:37
 Operator : AR\AJ
 Sample : N2368-03MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

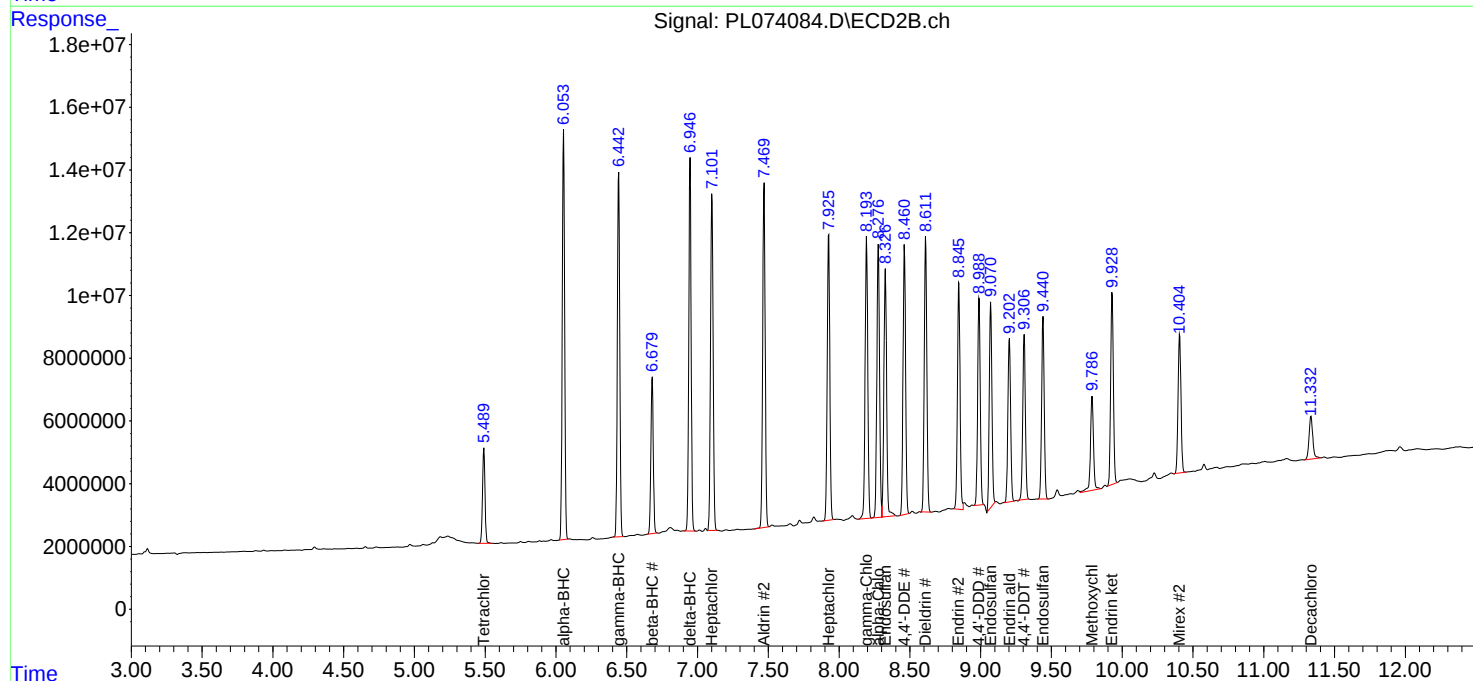
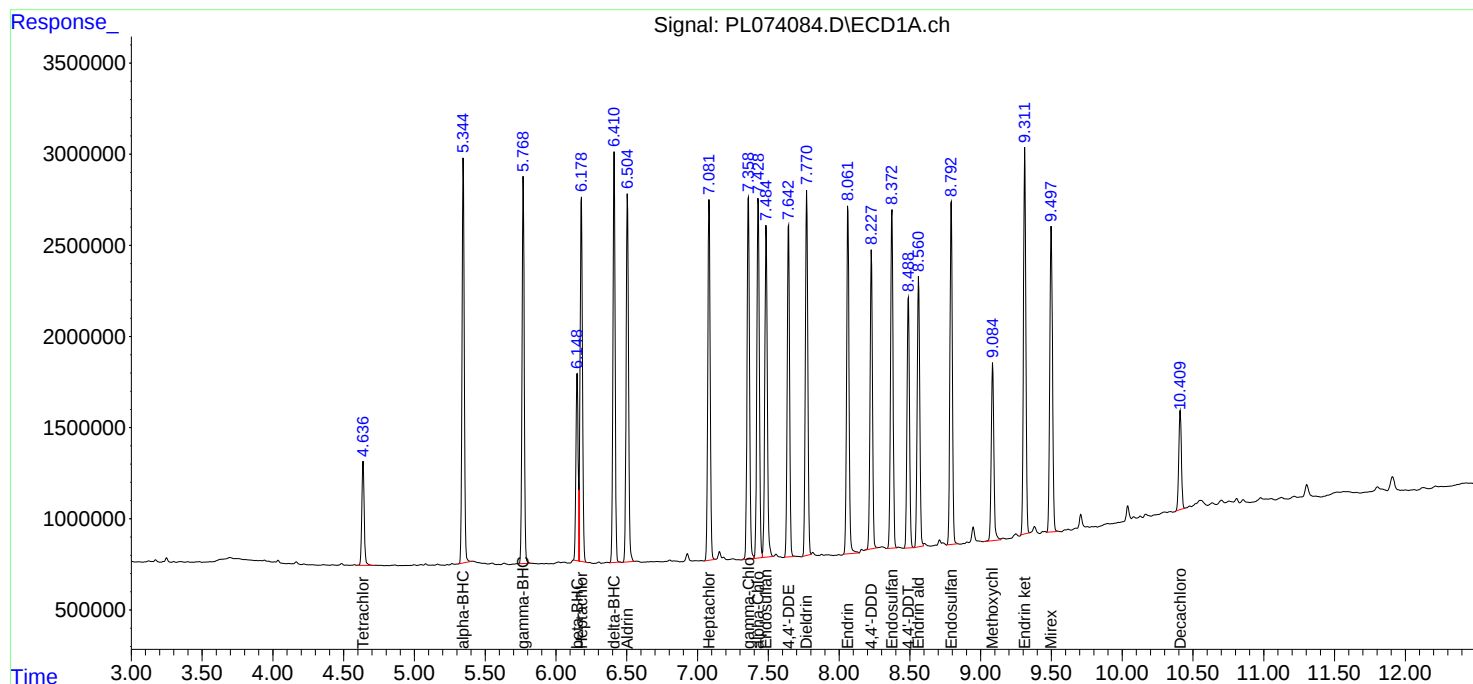
Instrument :
 ECD_L
 ClientSampleId :
 E14ST-EB3-041122-5-10MS

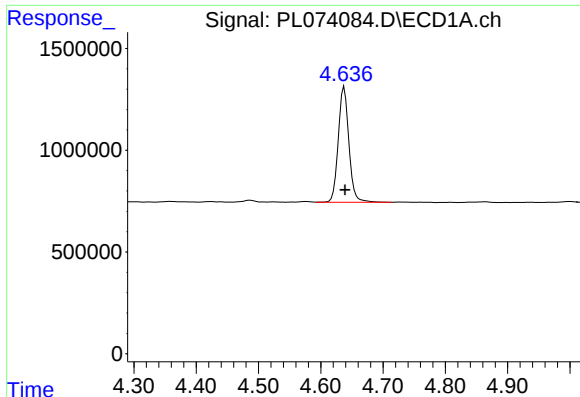
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 02:21:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
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 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





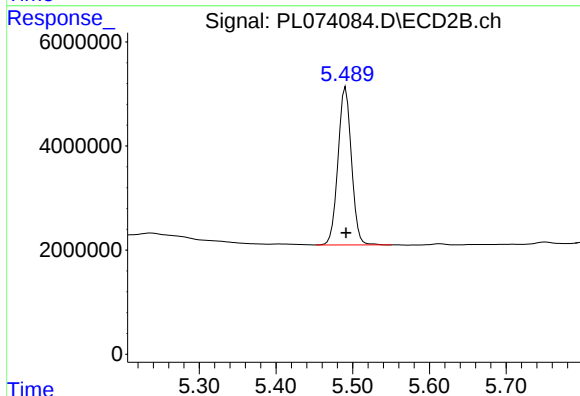
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.001 min
Response: 6714883
Conc: 20.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MS

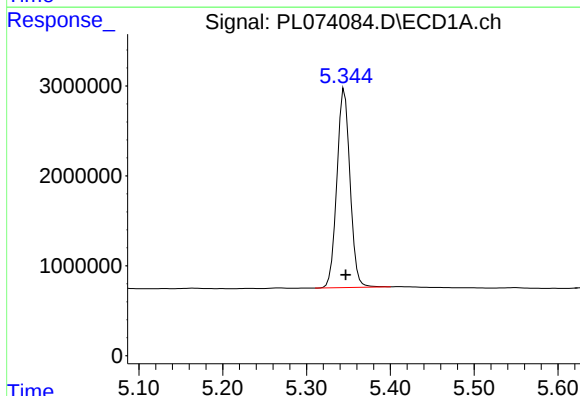
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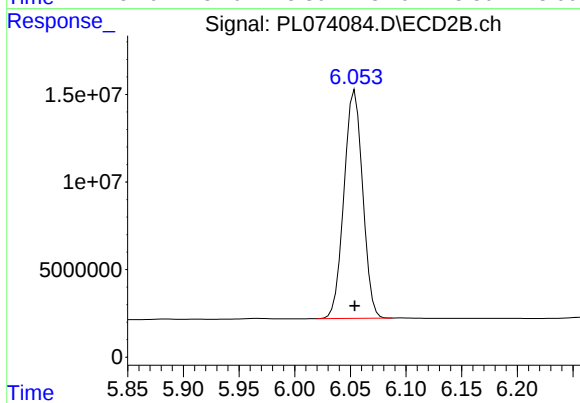
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 36944214
Conc: 20.72 ng/ml



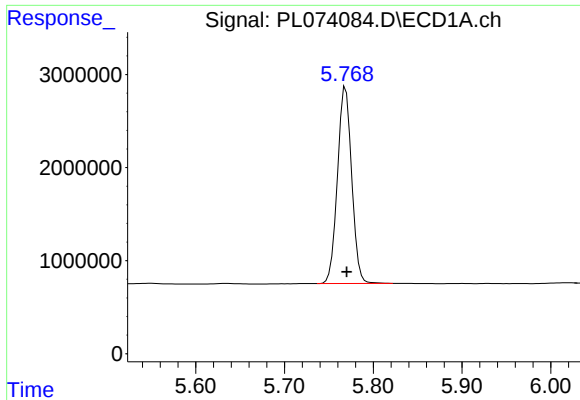
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 24033640
Conc: 57.27 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 152228169
Conc: 60.45 ng/ml



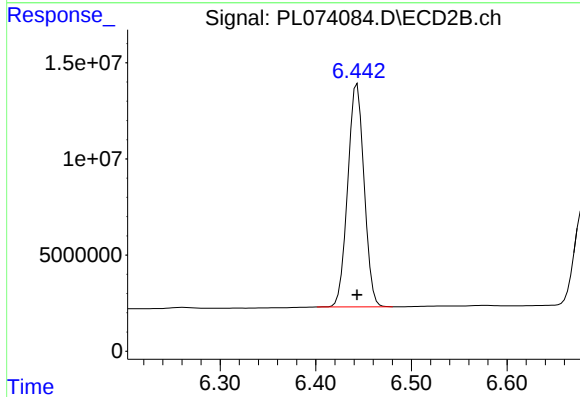
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 23517545
Conc: 56.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MS

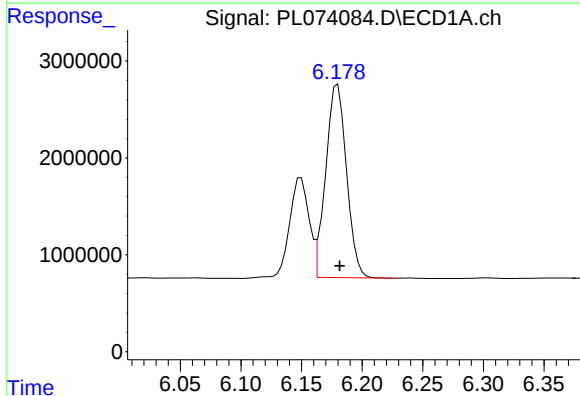
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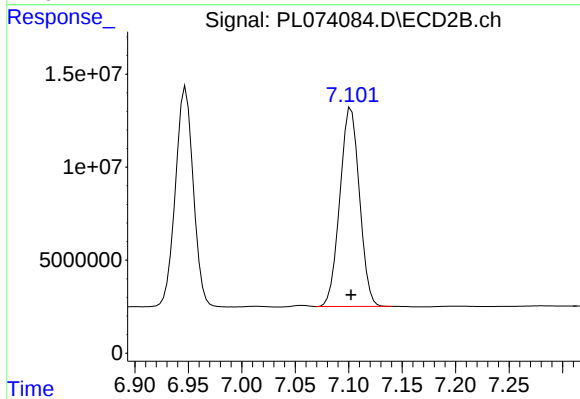
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 138673812
Conc: 58.58 ng/ml



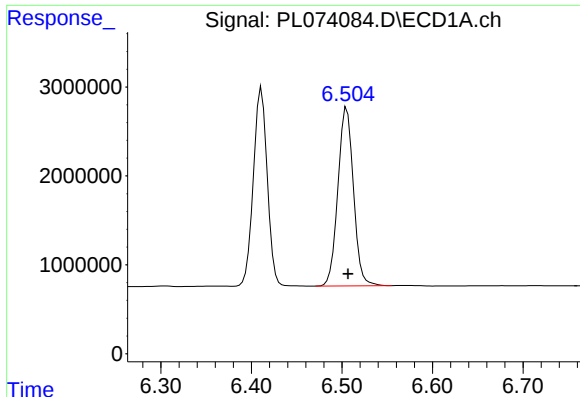
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 23745260
Conc: 52.71 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 136297241
Conc: 52.25 ng/ml



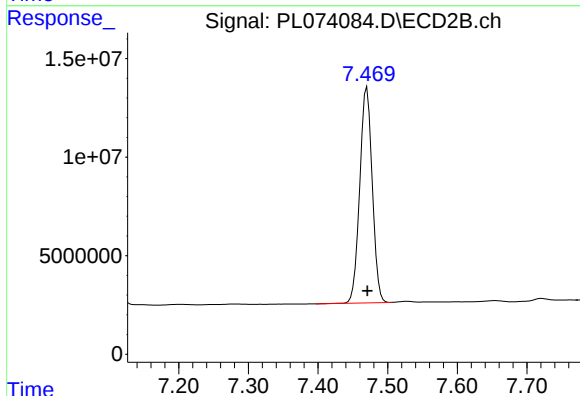
#5 Aldrin

R.T.: 6.505 min
Delta R.T.: -0.001 min
Response: 23940056
Conc: 57.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MS

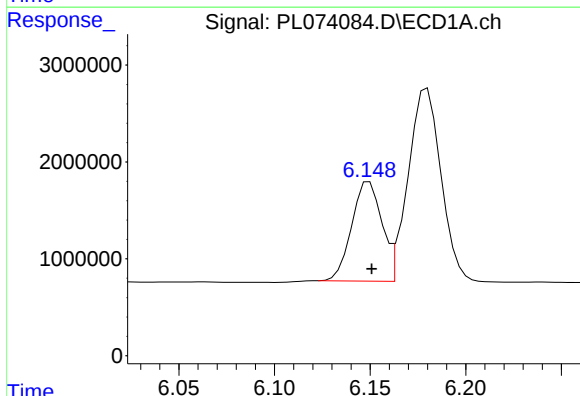
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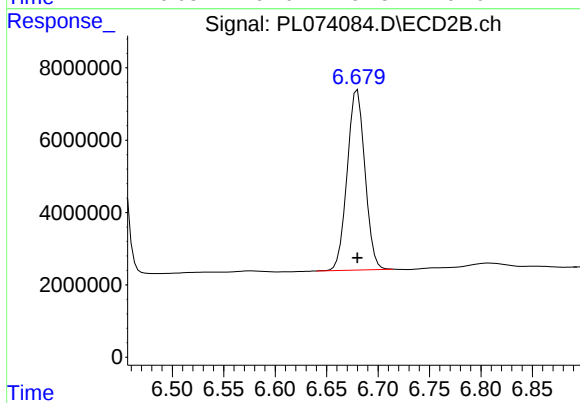
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 136316339
Conc: 58.04 ng/ml



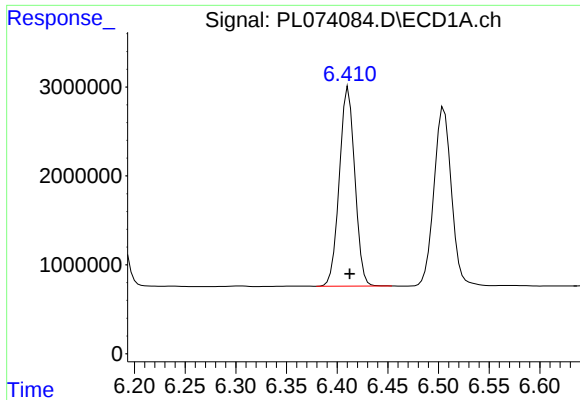
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.001 min
Response: 11230324
Conc: 54.96 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 59907567
Conc: 53.16 ng/ml



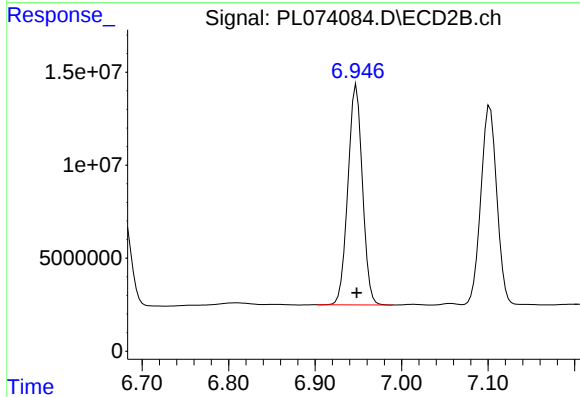
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 23748374
Conc: 57.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MS

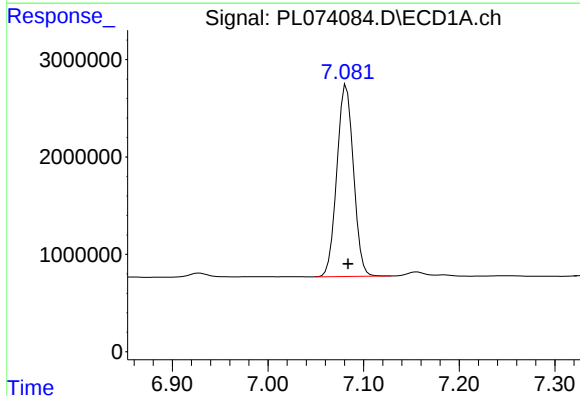
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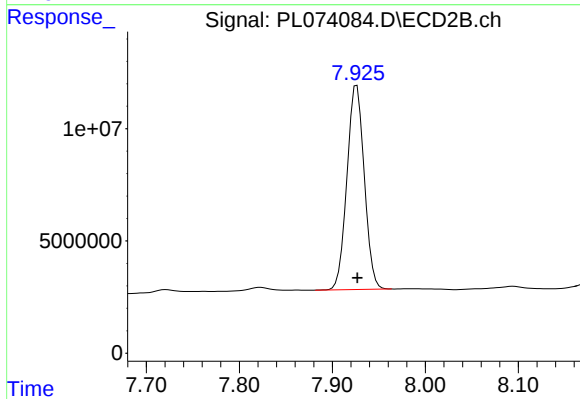
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 137216789
Conc: 56.18 ng/ml



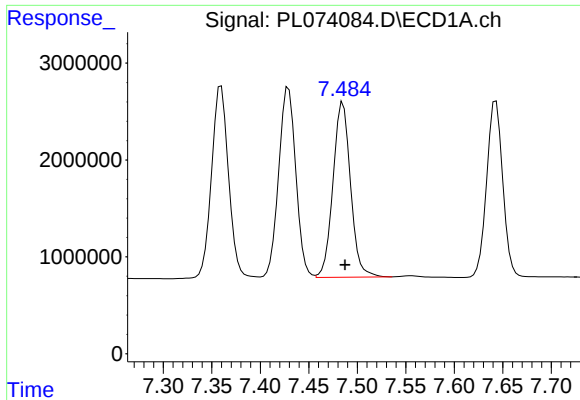
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.002 min
Response: 23765221
Conc: 55.40 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 117807851
Conc: 52.32 ng/ml



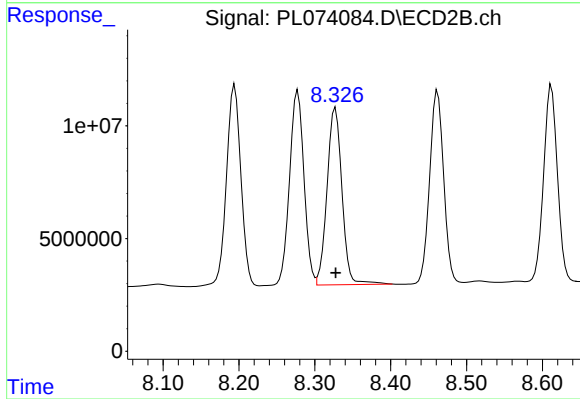
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 22743717
Conc: 55.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MS

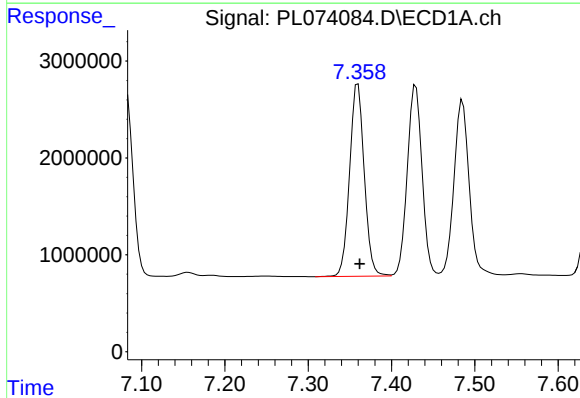
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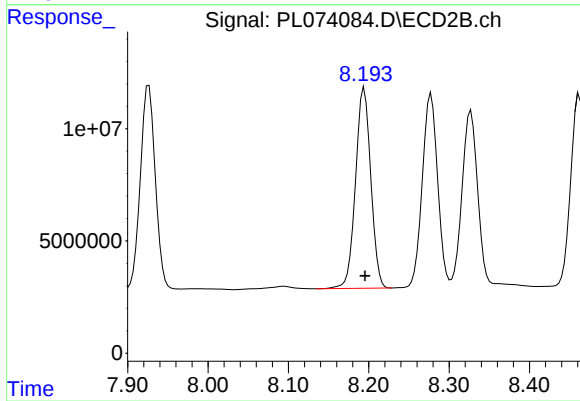
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 107745662
Conc: 54.73 ng/ml



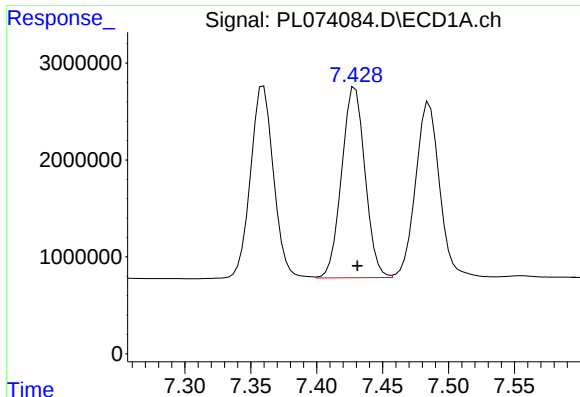
#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 24249457
Conc: 55.29 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 117883293
Conc: 52.85 ng/ml



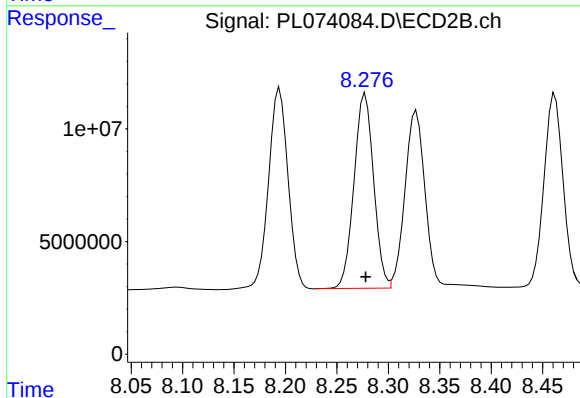
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.002 min
Response: 24247129
Conc: 54.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MS

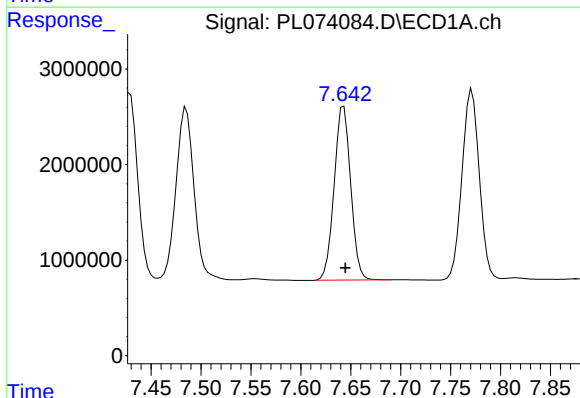
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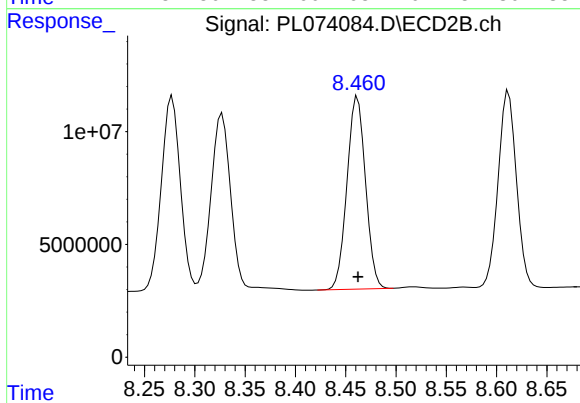
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 114556118
Conc: 53.22 ng/ml



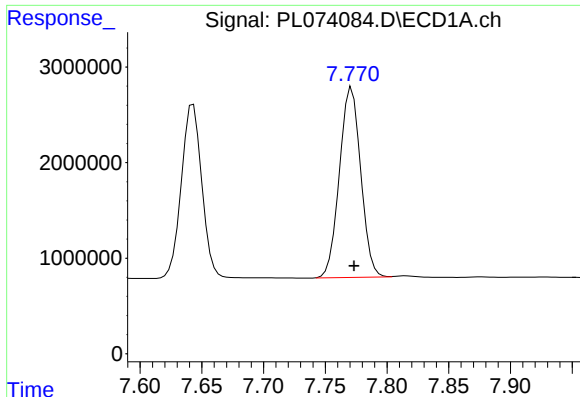
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 20968539
Conc: 57.48 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 109385637
Conc: 54.92 ng/ml



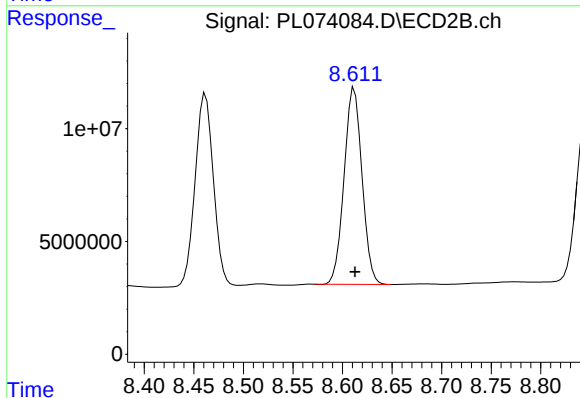
#13 Dieldrin

R.T.: 7.771 min
Delta R.T.: -0.002 min
Response: 23866565
Conc: 55.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MS

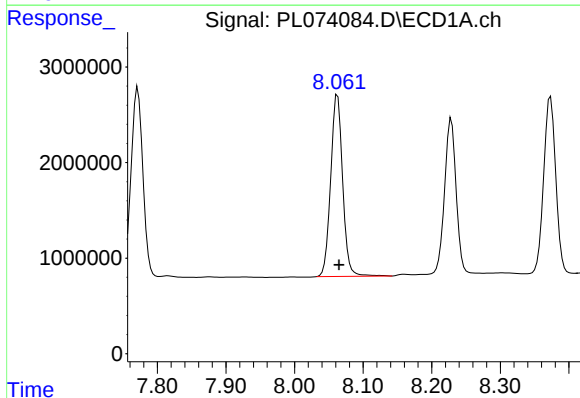
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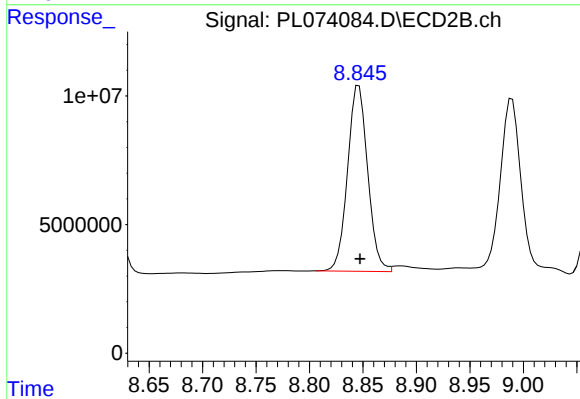
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 109758164
Conc: 54.73 ng/ml



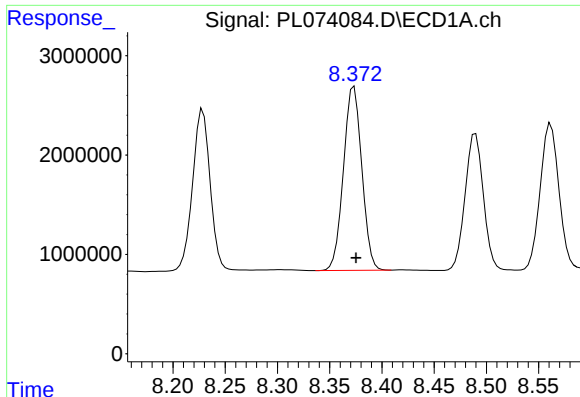
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 23102596
Conc: 56.87 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 94743959
Conc: 55.94 ng/ml



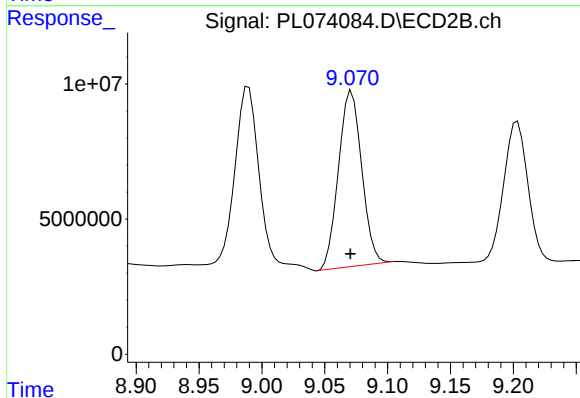
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: -0.002 min
Response: 22626471
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MS

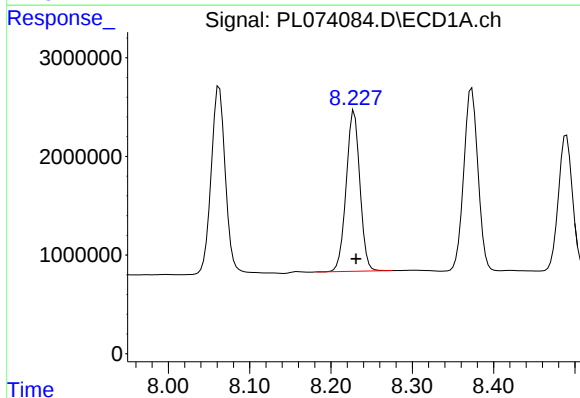
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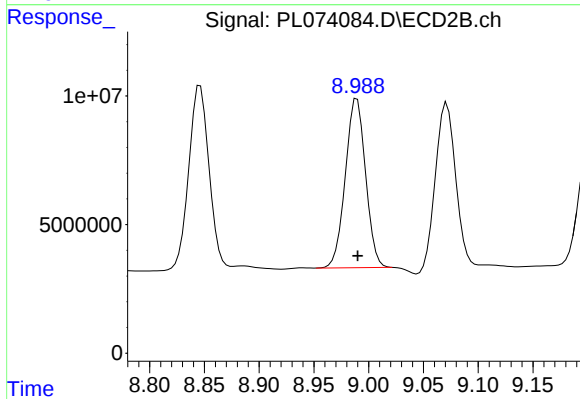
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.001 min
Response: 83499195
Conc: 48.06 ng/ml



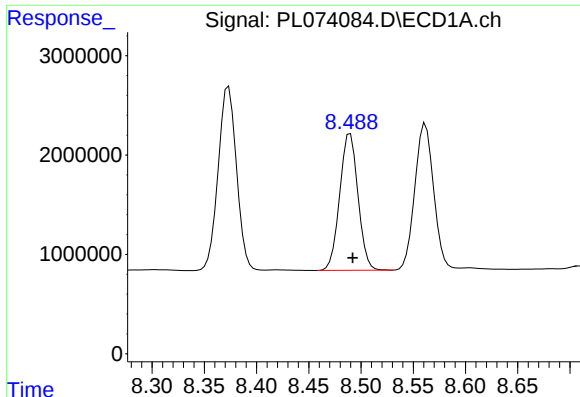
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 19031586
Conc: 58.93 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 84744584
Conc: 55.08 ng/ml m



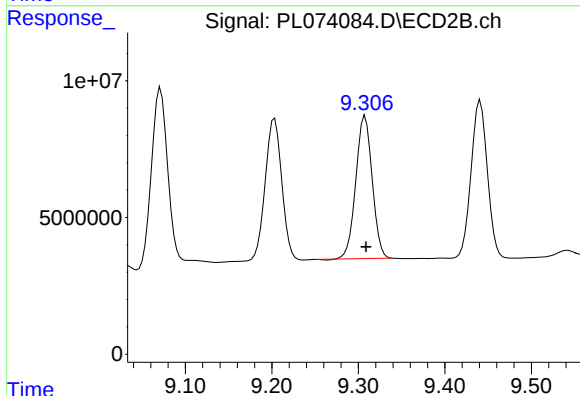
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 16718760
Conc: 45.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
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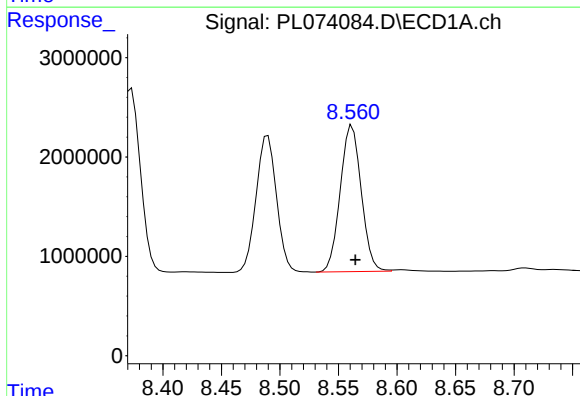
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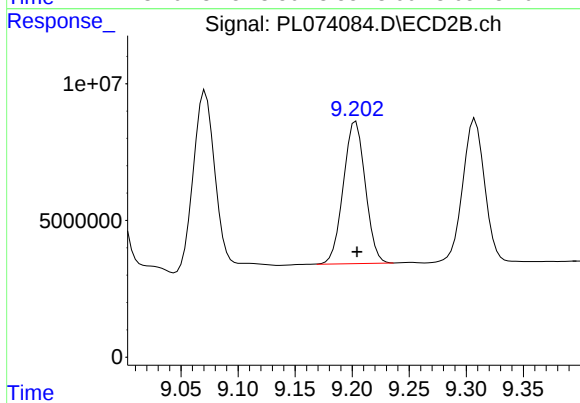
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: -0.001 min
Response: 68812321
Conc: 38.82 ng/ml



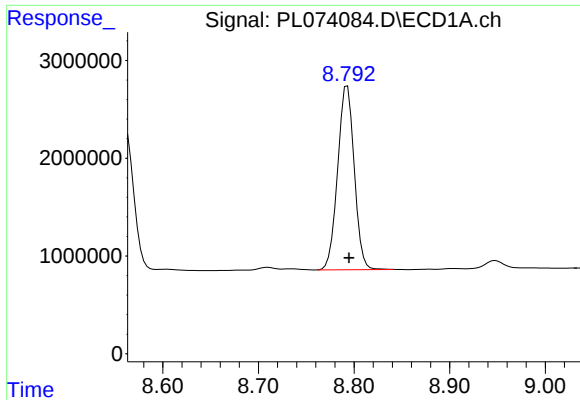
#18 Endrin aldehyde

R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 18397272
Conc: 56.86 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 69562127
Conc: 53.86 ng/ml m



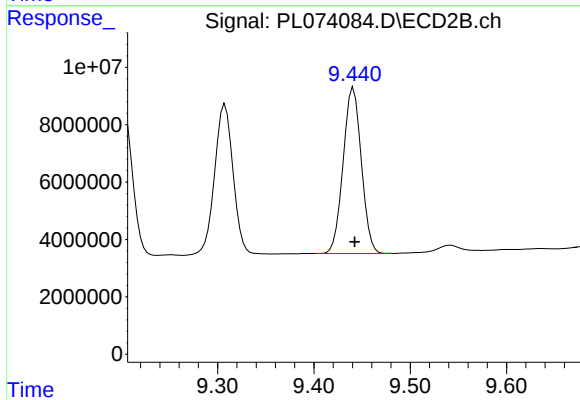
#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 22689299
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MS

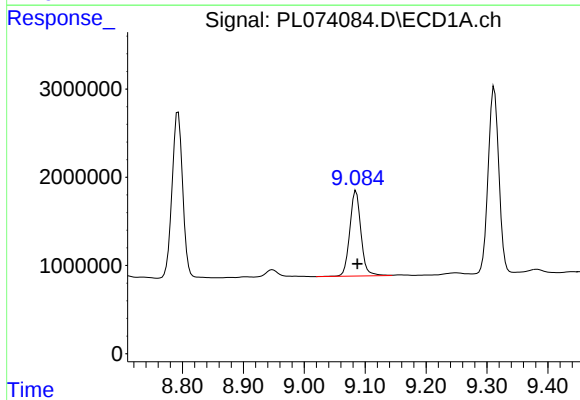
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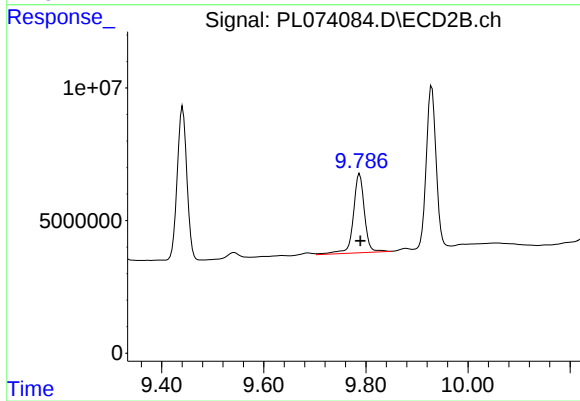
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: -0.001 min
Response: 75595208
Conc: 45.42 ng/ml



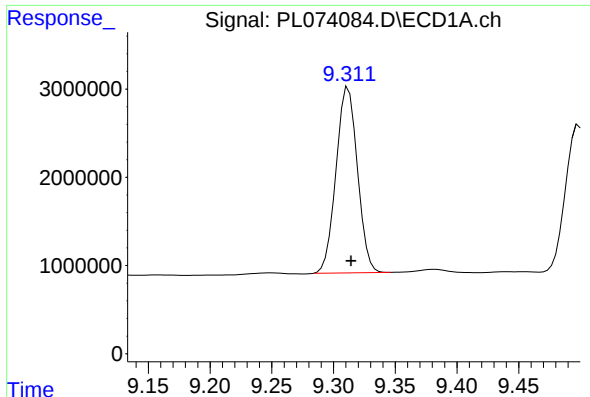
#20 Methoxychlor

R.T.: 9.085 min
Delta R.T.: -0.002 min
Response: 12354440
Conc: 49.76 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.002 min
Response: 44940187
Conc: 46.72 ng/ml



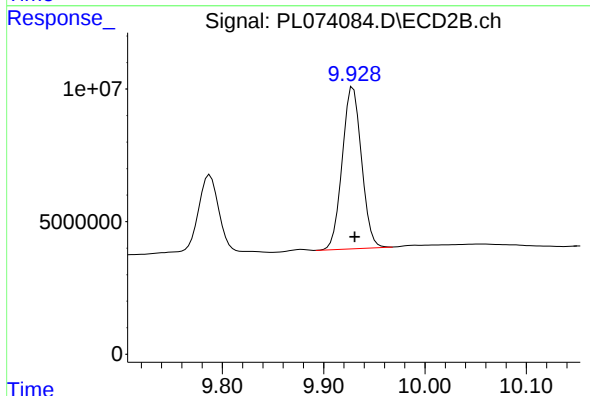
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.002 min
Response: 25393237
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MS

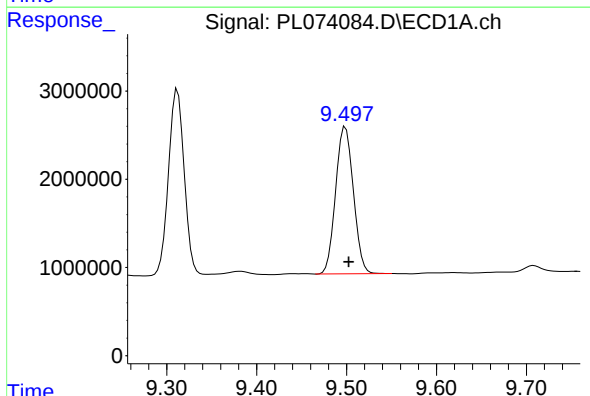
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



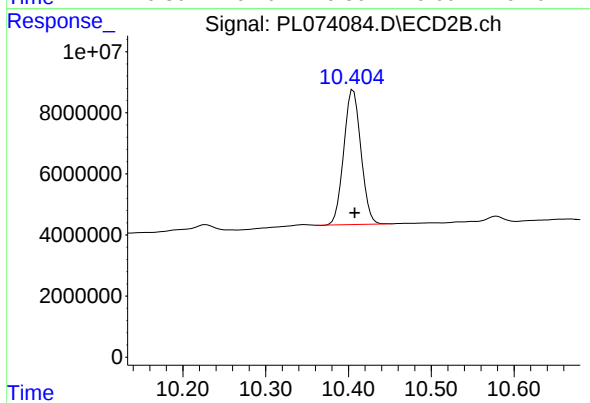
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 80507473
Conc: 46.51 ng/ml



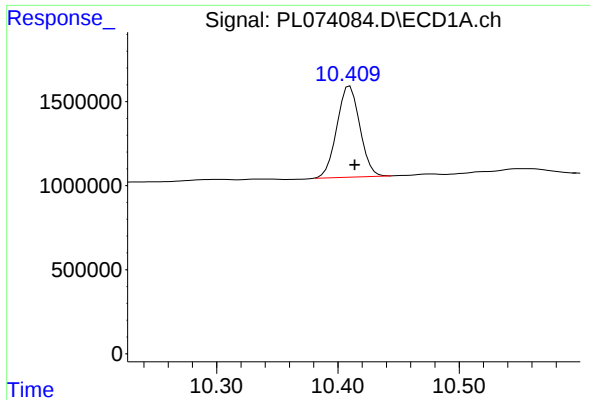
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.004 min
Response: 22902790
Conc: 49.11 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 63502014
Conc: 46.10 ng/ml



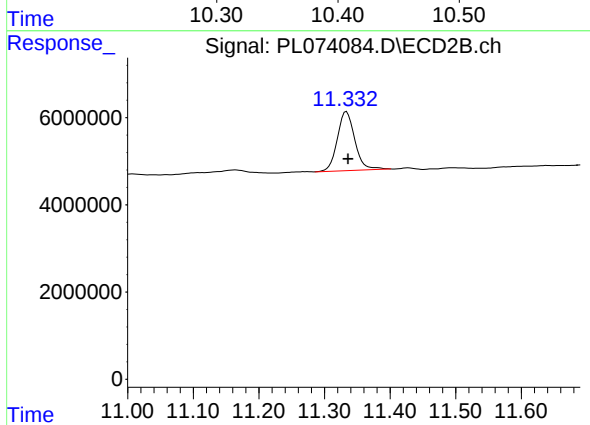
#28 Decachlorobiphenyl

R.T.: 10.410 min
Delta R.T.: -0.004 min
Response: 7115589
Conc: 13.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 25230150
Conc: 14.28 ng/ml